



an Open Access Journal by MDPI

Membrane-Interacting Diagnostic/Therapeutic Peptides in Infectious Diseases and Oncology

Guest Editors:

Dr. Anna Lucia Tornesello

Istituto Nazionale Tumori IRCCS
Fondazione Pascale, Naples, Italy

Dr. Franco M. Buonaguro

Molecular Biology and Viral
Oncology Unit, Istituto Nazionale
Tumori IRCCS Fondazione
Pascale, 80131 Naples, Italy

Deadline for manuscript
submissions:

closed (20 May 2023)

Message from the Guest Editors

The main advantages of peptide-based drugs are the ease of development, low costs, the possibility of increasing the chemical-physical and enzymatic stability, mainly related to the conformation and the amino acid composition, respectively.

To broaden the number of peptide applications of the current special issue, several topics will be considered including antimicrobial peptides, cell penetrating peptides, anticancer peptides, glycopeptides, membrane-acting peptides, interfering peptides, peptides mimotopes of oncoprotein, peptide-driven cellular immunity. Authors are invited to submit their latest results. Both original papers and reviews are welcome.

Keywords:

- anticancer peptides
- bioactive peptides
- cell penetrating peptides
- antimicrobial peptides
- cells membrane
- membrane models
- membrane translocating peptides
- membrane-active proteins
- radiolabeled peptides
- nanocarriers
- theranostics
- peptide-dependent cellular immunity



mdpi.com/si/100393

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Spas D. Kolev

School of Chemistry, The
University of Melbourne,
Melbourne, VIC 3010, Australia

Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375).

Membranes is an international, peer-reviewed open access journal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (Polymer Science) / CiteScore - Q1 (Chemical Engineering (miscellaneous))

Contact Us

Membranes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/membranes
membranes@mdpi.com
[X@Membranes_MDPI](https://twitter.com/Membranes_MDPI)